UTILITY	Attorney Docket No.		125952			
PATENT APPLICATION	First Inventor		Bruce Alan Carter, et al.			
TRANSMITTAL	Title	Title METHODS AI		ND APPARATUS FOR OPERATING IE ENGINES		
(Only for new nonprovisional applications under 37 CFR 1.53(b)	Express Mail Label No.		EV299864800US			
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.	ADDRESS	то:	Mail Stop Patent Application Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450			
1. See Transmittal Form (e.g. PTO/SB/17) (Submit an original and a duplicate for fee processing. 2. Applicant claims small entity status. See 37 CFR 1.27. 3. Specification [Total Pages 12 pgs.] (preferred arrangement set forth below) - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure 4. Drawing(s) (35 U.S.C. 113) [Total Sheets 3 pgs.] 5. Declaration & Power of Attorney [Total Pages 2 pgs.] a. Newly executed (original or copy) b. Copy from a prior application (37 CFR 1.63 (d)) (for continuation/divisional with Box 17 completed) i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 6. Application Data Sheet. See 37 CFR 1.76	Compi	Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a.				
or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) of prior application No.: Prior application information: Examiner Group Art Unit: For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS						
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I certify that the documents listed or this form are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above in an envelope addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.						
Robert B. Reeser, III	AK	VAX			October 3, 2003	
(Printed Name of Person Mailing Correspondence) (Signature o	(Signature of Person Mailing Corresp ndence) Date				

P10/SB/17 (01-03)
Approved for use through 04/30/2003. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Complete if Known FEE TRANSMITTAL Not yet assigned Application Number October 3, 2003 Filing Date for FY 2003 Bruce Alan Carter, et al. First Named Inventor Effective 01/01/2003. Patent fees are subject to annual revision. Not yet assigned **Examiner Name** Applicant claims small entity status. See 37 CFR 1.27 Not yet assigned **Art Unit** (\$) 810.00 125952 TOTAL AMOUNT OF PAYMENT Attorney Docket No FEE CALCULATION (continued) METHOD OF PAYMENT (check all that apply) 3. ADDITIONAL FEES Money Order Other Check Credit card arge Entity | Small Entity Deposit Account: Fee Fee Fee Description Fee Paid Code (\$) Code (\$) Deposit 01-2384 2051 65 Surcharge - late filing fee or oath 1051 130 Number Surcharge - late provisional filing fee or 1052 50 2052 25 Deposit Armstrong Teasdale, LLP cover sheet Account 130 Non-English specification Name 1053 130 1053 The Commissioner is authorized to: (check all that apply) 1812 2,520 For filing a request for ex parte reexamination 1812 2,520 Credit any overpayments ✓ Charge fee(s) indicated below 920* Requesting publication of SIR prior to 920 1804 1804 Charge any additional fee(s) during the pendency of this application Examiner action Requesting publication of SIR after Charge fee(s) indicated below, except for the filing fee 1805 1,840* 1805 1.840 Examiner action to the above-identified deposit account Extension for reply within first month 2251 1251 110 55 FEE CALCULATION Extension for reply within second month 205 2252 1252 410 1. BASIC FILING FEE 465 Extension for reply within third month 2253 1253 930 arge Entity Small Entity Fee Paid 725 Extension for reply within fourth month Fee Description 1254 1.450 2254 Fee Fee Code (\$) Fee Fee Code (\$) Fee 985 Extension for reply within fifth month 2255 1255 1.970 Utility filing fee 2001 375 1001 750 770.00 1401 320 2401 160 Notice of Appeal 2002 165 Design filing fee 1002 330 160 Filing a brief in support of an appeal 1402 320 2402 Plant filing fee 2003 260 1003 520 140 Request for oral hearing 280 2403 1403 Reissue filing fee 2004 375 1004 750 1.510 Petition to institute a public use proceeding 1451 1451 1,510 Provisional filing fee 2005 80 1005 160 55 Petition to revive - unavoidable 110 2452 1452 SUBTOTAL (1) (\$) 770.00 650 Petition to revive - unintentional 1453 1,300 2453 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE 650 Utility issue fee (or reissue) 1,300 1501 2501 Fee from 2502 235 Design issue fee Ext<u>ra Claim</u>s Fee Paid 1502 470 below 0 18 315 Plant issue fee Total Claims = 101503 630 2503 Independent 0 3** = 0 130 Petitions to the Commissioner 1460 130 1460 50 Processing fee under 37 CFR 1.17(q) Multiple Dependent 1807 50 1807 180 Submission of Information Disclosure Stmt Large Entity L 1806 Small Entity 1806 180 40 Recording each patent assignment per **Fee Description** 40.00 Fee 8021 40 8021 Code (\$) Code (\$) property (times number of properties) 375 Filing a submission after final rejection (37 CFR 1.129(a)) Claims in excess of 20 2202 9 1202 18 750 2809 1809 Independent claims in excess of 3 2201 42 1201 84 375 For each additional invention to be 2810 Multiple dependent claim, if not paid 750 1810 2203 140 1203 280 examined (37 CFR 1.129(b)) ** Reissue independent claims 2204 1204 84 375 Request for Continued Examination (RCE) 2801 1801 750 over original patent 900 Request for expedited examination 1802 1802 900 ** Reissue claims in excess of 20 2205 18 1205 and over original patent of a design application Other fee (specify) (\$) SUBTOTAL (2) *Reduced by Basic Filing Fee Paid (\$) 40.00 SUBTOTAL (3) **or number previously paid, if greater; For Reissues, see above (Complete (if applicable) SUBMITTED BY Registration No. Telephone 314-621-5070 45,548 Robert B. Reeser, II Name (Print/Type) October 3, 2003

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Signature

This collection of information is required by 37 CFR 1.17 and 1.21. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35-0.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.